## PRINTER RUSH (PTO ASSISTANCE)

Application: 09/723418 Examiner: ARANI GAU: 2131  From: IMCGI Location: TDG FMF FDC Date: 11-5-05
From: IMCGII Location: (IDG FMF FDC Date: 11-5-05
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DOC CODE
RUSH] MESSAGE: ORiginal Claim 8 (now claim 7)  Chas incomplete. It ends with a
Slmi-Colox.
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XRUSH] RESPONSE:
orrected.
NOTE: This form will be included as part of the official USPTO record, with the Response

document coded as XRUSH.

**REV 10/04** 

- a modifier configured to modify fields of packets in said input buffer based on the scanned predetermined fields;
- a FIFO configured to store predetermined data from the scanned predetermined fields; and
- a state machine configured to retrieve the stored data and program said modifier according to the stored data.
- 6. (Currently amended) The accelerator according to Claim 1 5, wherein said predetermined data from the scanned predetermined fields comprises a Security Association (SA) ID, a Tx\_Pkt\_SOP, and flags that indicate if additional fields of the packet need to be scanned to determine information needed for programming said modifier.
- 7. (Currently amended) The accelerator according to Claim 4 5, further comprising:
- a hash state machine configured to generate an SA lookup index (SA ID) based on the predetermined scanned fields.
- 8. (Currently amended) The accelerator according to Claim 4 7, wherein said hash state machine is a polynomial CRC calculation.
  - 9. (Original) The accelerator according to Claim 5, wherein:

JBH 12-20.05